

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10588807"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:46
S2	1	"6215119".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:51
S3	0	encoder period\$4 near3 signal frequency near3 ratio resolution near3 ratio phase near3 ratio	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:54
S4	4	encoder period\$4 near3 signal frequency near3 ratio resolution near3 ratio phase near3 ratio	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:54
S5	940	encoder period\$4 near3 signal (frequency near3 ratio or resolution near3 ratio or phase near3 ratio)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:55
S6	2	encoder period\$4 near3 signal (frequency near3 ratio or resolution near3 ratio or phase near3 ratio) rotary "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 14:56
S7	1	rotary near3 element with encoder rotary near3 offset near3 press	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:29
S8	51	rotary near3 offset near3 press with (folder or folding)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:29
S9	7	rotary near3 offset near3 press with (folder or folding) near3 rotary	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:30
S10	1	"4,271,379".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:36
S11	0	"4,271,379".pn. resolution	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:36
S12	19	resolution near3 ratio signal frequency near3 ratio phase near3 ratio	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/16 15:45
S13	1562	encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/12 21:15

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S14	1114	(roll\$4 or cylinder or rotary\$4 or motor) with encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/12 21:16
S15	420	(roll\$4 or cylinder or rotary\$4 or motor) with encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4) encoder\$4 with signal	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/12 21:16
S16	391	(roll\$4 or cylinder or rotary\$4 or motor) with encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4) encoder\$4 with signal @ad<="20060807"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/12 21:16
S17	361	(roll\$4 or cylinder or rotary\$4 or motor) with encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4) encoder\$4 with signal @ad<="20050214"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/12 21:19
S18	1	"10588807"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/07/29 12:14
S19	2	"7302237"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/07/29 12:34
S20	16	(multipl\$4 or plural\$4) with synthesiz\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 17:49
S21	156	(multipl\$4 or plural\$4) with puls\$4 with generat\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 17:51
S22	77	(multipl\$4 or plural\$4) near5 puls\$4 with generat\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 17:51
S23	1	"10553299"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 17:54
S24	38	(20010018872 20020171581 20030099176 20030186670 20030191544 20030232612 20060290210 3851742 4278921 4368394 4495582 4886680 5040088 5089759 5200648 5263413 5278489 5300096 5309834 5335597 5455764 5615609 5678030 5740211 5743184 5787806 5792483 5947023 6095043 6229616 6284167 6320434 6343549 6456222 6539860 6724840 6736062 6778603).PN.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 18:01

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S25	83	(multipl\$4 or plural\$4) with puls\$4 with generat\$4 (resolution or phase) "101". clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 18:09
S26	10	(alain near2 colin).in.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 18:58
S27	9	(emmanuel near2 lebeuf).in.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 18:59
S28	8	(yves caulier).in.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2011/02/08 18:59
S29	13	("20020058086" "4839671" "5947023" "4271379" "5894802" "20030183102" "5610491" "20050093636" "5058145" "5263413" "6215119" "5058145" "5242367" "7302237").PN.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/04 19:45
S30	3	"101".clas. encoder with folder with pulse	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 14:24
S31	578	encoder\$4 "101".clas. (input or user near2 interfac\$4 or control\$4) with puls\$4	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 14:26
S32	6658	encoder\$4 puls\$4 with divid\$4	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 15:37
S33	76	encoder\$4 puls\$4 with divid\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 15:37
S34	125	pulse same encoder same control\$4 with press	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 18:35
S35	1	"10553299"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 18:40

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S36	38	("3851742" "5335597" "6539860" "5040088" "5947023" "4278921" "5300096" "5455764" "20030186670" "5615609" "5743184" "4495582" "6284167" "20030191544" "5678030" "5792483" "5089759" "5263413" "4368394" "20010018872" "6229616" "5787806" "4886680" "20030232612" "20020171581" "5278489" "5740211" "6343549" "6724840" "20060290210" "6320434" "5309834" "6095043" "6456222" "5200648" "20030099176" "6736062" "6778603").PN.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2012/03/05 18:40
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